

AMENDMENTS TO THE CLAIMS

We claim:

26. (Cancelled).

27. (Cancelled).

28. (Cancelled).

29. (Currently Amended) A ~~pre-cured~~ structural component comprising:

_____ a pair of outer skins, each formed from composite layers of fabric that include a layer of collimated fibers supported by a sparse number of transverse fibers;

_____ a plurality of removable mandrels located between the outer skins; and

_____ a plurality of inner supports carried by the mandrels, each of the inner supports formed of composite layers of fabric braided or woven to conform to the shape of one of the mandrels ~~that include a layer of collimated fibers~~, the inner supports having surfaces in contact with the outer skins to couple the outer skins together; and wherein

_____ the structural component is shaped to be positioned and adapted to be cured within a mold.;

30. (Currently amended) The structural component of claim 29, wherein the layers of the outer skins are ~~unimpregnated with resin~~ pre-cured and the inner supports uncured.

31. (Cancelled).

32. (Cancelled).

33. (Cancelled).

34. (Cancelled).

35. (Cancelled).

36. (Currently Amended) A ~~pre-cured~~ structural component comprising:

 a pair of outer skins, each formed from layers of fibrous reinforcing composite material
~~composite layers of fibers that include a plurality of collimated fibers;~~

 a plurality of removable mandrels located between the outer skins;

 a plurality of composite socks tightly enclosing each of the mandrels, each of the socks
being braided or woven into an elongate tube ~~a tubular configuration and including a plurality of~~
~~collimated fibers~~, the socks having surfaces in contact with the outer skins and with adjacent socks
to couple the outer skins together; and wherein

 the structural component is shaped to be positioned and ~~adapted to be~~ cured within a mold.

37. (Currently amended) The structural component of claim 36 wherein the layers of the outer
skins are ~~unimpregnated with resin~~ pre-cured and the socks uncured.

38. (Cancelled).

39. (Cancelled).

In re Application of:
Elbert L. McKague, Jr.

Serial No. 10/662,743

40. (Cancelled).

41. (Cancelled).

42. (Cancelled).